Issues in implementing Registration System at LK Domain Registry

Gihan Dias

• The LK Domain Registry is a small registry.
• Several domain categories and reg. periods.
• Accept registrations directly and through agents.
• No real-time regs. Air-gap and manual procedure.
• Homegrown php-based registration system set up in 1997.
• By 2005, wanted more features, and looked for a replacement.
LK Domain Registration System

• Evaluated a number of available systems
  – none of them met our requirements.

• Decided to upgrade the existing system
  – multiple types of domains
  – corporate clients and agents
  – authenticated connections (using PKI dongle)
  – disallowed words
  – air-gap and manual checking
  – multi-domain registrations